

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT** of:

De et al.

Patent No.: 7,110,385

Issued: September 19, 2006

Appln. No.: 10/080,124

Filed: February 21, 2002

Confirmation No.: 2919

For: SINGLE USER DETECTION BASE

STATION

Our File: I-2-0173.3US

Date: May 20, 2009

REQUEST FOR CERTIFICATE OF CORRECTION

Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

A Certificate of Correction under 35 U.S.C. §§ 254, 255 and 37 C.F.R. §§1.322, 1.323 is requested for U.S. Patent No. 7,110,385. Correction of the following errors is requested.

ON THE FACE PAGE

At section (56), U.S. PATENT DOCUMENTS, page 1, right column, line 1, delete "5,337,226 A 8/1994 Wang et al.".

At section (56), OTHER PUBLICATIONS, page 2, left column, line 6, before "Klein", delete "Naja" and insert therefor --Anja--.

Patentee: De et al.
Patent No.: 7,110,385

At section (56), OTHER PUBLICATIONS, page 2, left column, line 26, before the word "Blind", delete "Sincle-User" and insert therefor --Single-User--.

At section (56), OTHER PUBLICATIONS, page 2, left column, line 27, after the word "Processing" delete "Instutution of Lectrical" and insert therefor --Institution of Electrical--.

At section (56), OTHER PUBLICATIONS, page 2, left column, line 37, before "Klein", delete "Naja" and insert therefor --Anja--.

At section (56), OTHER PUBLICATIONS, page 2, right column, line 18, before the word "Turkey", delete "Istambul" and insert therefor --Istanbul--.

At section (56), OTHER PUBLICATIONS, page 2, right column, line 20, after "Proakis", delete "et al." and insert therefor --John G.--.

At section (56), OTHER PUBLICATIONS, page 2, right column, line 40, before "Klein", delete "Naja" and insert therefor --Anja--.

IN THE DRAWINGS

At drawing sheet 4, FIG. 5, item 58, line 2, after the word ""RESPONSE", delete "MATICES" and insert therefor --MATRICES--.

At drawing sheet 5, FIG. 6, item 68, line 2, after the word "RESPONSE", delete "MATICES" and insert therefor --MATRICES--.

IN THE SPECIFICATION

At column 2, line 1, before the word "approach", delete "a EFT" and insert therefor --an FFT--.

At column 2, line 3, before "FFT", delete "a" and insert therefor --an--.

At column 2, line 54, before "SUD", delete "a" and insert therefor --an--.

At column 3, Equation 4, column 1, row 12, delete "r₁(W-1)" and insert therefor --r₂(W-1)--.

At column 3, Equation 4, column 1, row 14, delete "r₁(N_s-1)" and insert therefor --r₂(N_s-1)--.

At column 7, line 41, before the word "structure", delete "Toplitz" and insert therefor --Toeplitz--.

At column 8, line 18, after "49.95", delete "MROPs" and insert therefor --MROPS--.

At column 12, line 11, before the word "elements", delete "vectors" and insert therefor --vector's--.

At column 13, line 16, after the word "For", delete "a".

At column 13, line 36, after the word "total", delete "MROPs" and insert therefor --MROPS--.

Patentee: De et al.
Patent No.: 7,110,385

At column 13, line 37, after "909.4656", delete "MROPs" and insert therefor
--MROPS--.

At column 13, line 38, after "858.4668", delete "MROPs" and insert therefor
--MROPS--.

At column 13, line 43, before "FFT", delete "a" and insert therefor --an--.

At column 15, TABLE 4, column 3 heading, delete "MROPs" and insert therefor
--MROPS--.

At column 17, line 23, after the words "for an", delete "N multiple" and insert
therefor --N-multiple--.

Patentee: De et al.
Patent No.: 7,110,385

REMARKS

Patentees believe that the above errors are of such a nature as to justify the issuance of a Certificate of Correction. Patentees have enclosed a completed Certificate of Correction Form PTO/SB/44.

Since at least one of the errors was caused by Applicants, please charge the surcharge fee pursuant to C.F.R. §1.20(a) of \$100.00 to the Deposit Account of InterDigital Communications Corporation, Deposit Account No. 09-0435.

Patentees respectfully request that the Certificate of Correction be issued.

Respectfully submitted,

Det et al.

By Joseph P. Gushue
Joseph P. Gushue
Registration No. 59,819
(215) 568-6400

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

JPG/dcb

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page 1 of 4

PATENT NO. : 7,110,385

APPLICATION NO.: 10/080,124

ISSUE DATE : September 19, 2006

INVENTOR(S) : De et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE FACE PAGE

At section (56), U.S. PATENT DOCUMENTS, page 1, right column, line 1, delete "5,337,226 A 8/1994 Wang et al.".

At section (56), OTHER PUBLICATIONS, page 2, left column, line 6, before "Klein", delete "Naja" and insert therefor --Anja--.

At section (56), OTHER PUBLICATIONS, page 2, left column, line 26, before the word "Blind", delete "Sincle-User" and insert therefor --Single-User--.

At section (56), OTHER PUBLICATIONS, page 2, left column, line 27, after the word "Processing" delete "Instutution of Lectrical" and insert therefor --Institution of Electrical--.

At section (56), OTHER PUBLICATIONS, page 2, left column, line 37, before "Klein", delete "Naja" and insert therefor --Anja--.

At section (56), OTHER PUBLICATIONS, page 2, right column, line 18, before the word "Turkey", delete "Istambul" and insert therefor --Istanbul--.

At section (56), OTHER PUBLICATIONS, page 2, right column, line 20, after "Proakis", delete "et al." and insert therefor --John G.--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Volpe and Koenig, P.C.
 United Plaza, Suite 1600
 30 South 17th Street
 Philadelphia, PA 19103

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page 2 of 4

PATENT NO. : 7,110,385

APPLICATION NO.: 10/080,124

ISSUE DATE : September 19, 2006

INVENTOR(S) : De et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At section (56), OTHER PUBLICATIONS, page 2, right column, line 40, before "Klein", delete "Naja" and insert therefor --Anja--.

IN THE DRAWINGS

At drawing sheet 4, FIG. 5, item 58, line 2, after the word ""RESPONSE", delete "MATICES" and insert therefor --MATRICES--.

At drawing sheet 5, FIG. 6, item 68, line 2, after the word "RESPONSE", delete "MATICES" and insert therefor --MATRICES--.

IN THE SPECIFICATION

At column 2, line 1, before the word "approach", delete "a EFT" and insert therefor --an FFT--.

At column 2, line 3, before "FFT", delete "a" and insert therefor --an--.

At column 2, line 54, before "SUD", delete "a" and insert therefor --an--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Volpe and Koenig, P.C.
 United Plaza, Suite 1600
 30 South 17th Street
 Philadelphia, PA 19103

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page 3 of 4

PATENT NO. : 7,110,385

APPLICATION NO.: 10/080,124

ISSUE DATE : September 19, 2006

INVENTOR(S) : De et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 3, Equation 4, column 1, row 12, delete "r₁(W-1)" and insert therefor
--r₂(W-1)--.

At column 3, Equation 4, column 1, row 14, delete "r₁(N_s - 1)" and insert therefor
--r₂(N_s - 1)--.

At column 7, line 41, before the word "structure", delete "Toplitz" and insert therefor
--Toeplitz--.

At column 8, line 18, after "49.95", delete "MROPs" and insert therefor --MROPS--.

At column 12, line 11, before the word "elements", delete "vectors" and insert therefor
--vector's--.

At column 13, line 16, after the word "For", delete "a".

At column 13, line 36, after the word "total", delete "MROPs" and insert therefor
--MROPS--.

At column 13, line 37, after "909.4656", delete "MROPs" and insert therefor --MROPS--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**Page 4 of 4

PATENT NO. : 7,110,385

APPLICATION NO.: 10/080,124

ISSUE DATE : September 19, 2006

INVENTOR(S) : De et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 13, line 38, after "858.4668", delete "MROPs" and insert therefor --MROPS--.

At column 13, line 43, before "FFT", delete "a" and insert therefor --an--.

At column 15, TABLE 4, column 3 heading, delete "MROPs" and insert therefor --MROPS--.

At column 17, line 23, after the words "for an", delete "N multiple" and insert therefor --N-multiple--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.